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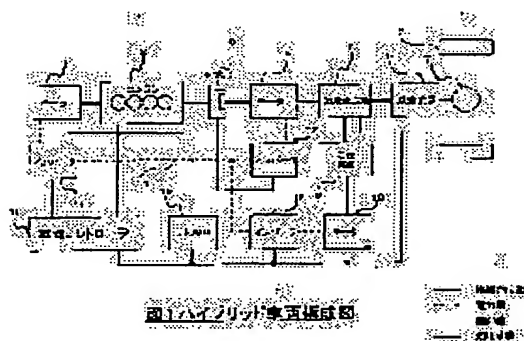
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(54) HYBRID VEHICLE CONTROLLER

(57)Abstract:

PROBLEM TO BE SOLVED: To improve the characteristics of braking and driving forces, while suppressing fuel consumption capacity on a traveling road.

SOLUTION: This controller is applied as a hybrid vehicle controller, having generating devices 1, 2 that generate electric power, using fuel; an electric motor 4 that is linked to the driving wheels of the vehicle; and a battery 15 that supplies and receives electric power between the generating devices 1, 2 and the motor 4. This controller is provided with a navigator, that stores information on roads (road information) inside, receives it externally, and searches or predicts the traveling route of the vehicle, based on the road



information; a road-dividing means that divides the distance up to a point P on the searched or predicted traveling route; a charging and discharging planning means 16, which is a means of planning the charging and discharging capacity of the battery 15, based on the road information by each divided section, that plans the charging and discharging capacity, in such a way that the road information on sections closer to the point P has less effect on the plan of the charging and discharging capacity; and an operating-point adjusting means 16, that adjusts the operating points of the generating devices 1, 2 and the motor 4 in accordance with the plan for the charging and discharging capacity.